

Add A10

1. Soundboard of composite fibre material construction for acoustic musical instruments, particularly for use as at least one of the two soundboards of the resonant body of bowed stringed instruments, consisting of a core plate (1) and a fibre laminate (2) which is provided in the region of at least one of the two outer faces of the core plate and consists of long fibres which are embedded in a carrier material (matrix), characterised in that the core plate (1) has at least one recess (3) surrounded by material regions of the core plate (1) within the area defined by the outline of the soundboard, the total volume of all recesses amounting at most to 80%, preferably between 20 and 45%, of the total volume of the core plate (1) containing material.
2. Soundboard as claimed in Claim 1, characterised in that at least one recess (3) in the core plate (1) takes up the entire thickness (D) of the core plate (1).
3. Soundboard as claimed in Claim 1, characterised in that at least one recess (3) in the core plate (1) occupies only a part of the thickness (D) of the core plate (1), the core plate (1) preferably consisting of individual layers (4).
4. Soundboard as claimed in Claim 1, characterised in that individual areas of the core plate (1) have a different thickness (D).
5. Soundboard as claimed in Claim 1, characterised in that the fibre laminate (2) is single-layer and at the same time multidirectional.